

Specification Objections

Applicant now respectfully requests entry of the following amendment to the abstract. After the claims, the following text has been amended:

B2
~~A motor control circuit for a direct current electric motor has a pair of direct current inputs supplied respectively from negative and positive current sources. The direction of travel of the rotor of the motor is determined by the polarity of the current supplied to it. A new A DC motor control circuit includes a pair of substantially identical unipolar control circuits. Each of the unipolar control circuits being are connected between a respective current source and a current input to the motor wherein a respective unipolar control circuit is adapted to operate the motor in one of the two directions. Each of the unipolar control circuits includes a solid state switch located between a motor current input and the source of direct current. The degree to which the solid state switch allows current to flow to the motor is controlled by an input bias signal to the switch. Current limiting for adjusting the input bias signal according to the current flowing through the motor is provided in one way of controlling the motor movement. The switch adjusts the input bias to the solid state switch such that less current flows through the motor when a predetermined period of current limiting has occurred. Also a current detection can be used to detect the magnitude of current being drawn though the motor and if the magnitude exceeds a predetermined level for a predetermined time, the input bias signal to the switch can be reduced.~~